

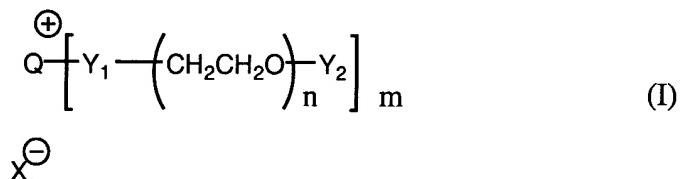
AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Appln. No. 09/765,368

**AMENDMENTS TO THE CLAIMS**

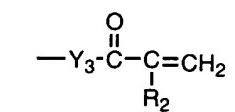
This listing of claims will replace all prior versions and listings of claims in the application:

**LISTING OF CLAIMS:**

1. (currently amended): A polymerizable molten salt monomer represented by the following general formula (I):



wherein Q represents an imidazole; Y<sub>1</sub> represents a divalent interlocking group CH<sub>2</sub>O or a bonding hand; Y<sub>2</sub> represents a substituted or unsubstituted alkyl group; n represents an integer of from 2 to 20; m represents an integer of from 2 to 5; X<sup>-</sup> represents an anion; plural Y<sub>1</sub>'s and plural Y<sub>2</sub>'s may be the same or different, respectively, with the proviso that at least one of Y<sub>2</sub>'s has a polymerizable the substituent group



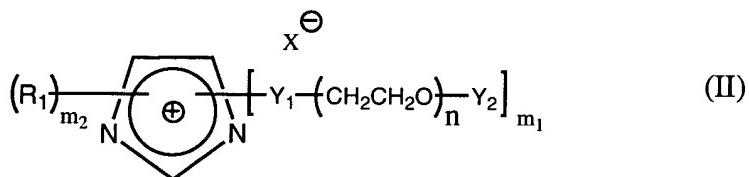
wherein R<sub>2</sub> is hydrogen or alkyl, and

Y<sub>3</sub> is oxygen; and

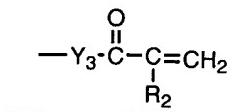
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a plurality of the compounds of the general formula (I) may be connected to each other at Q or Y<sub>2</sub> to form a dimer, trimer or tetramer.

2. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein the general formula (I) is represented by the following general formula (II):



wherein Y<sub>1</sub> represents a divalent interlocking group CH<sub>2</sub>O or a bonding hand; Y<sub>2</sub> represents a substituted or unsubstituted alkyl group; R<sub>1</sub> represents a substituent; n represents an integer of from 2 to 20; m<sub>1</sub> represents an integer of from 2 to 5; m<sub>2</sub> represents an integer of from 0 to (5 - m<sub>1</sub>); X<sup>-</sup> represents an anion; plural Y<sub>1</sub>'s and plural Y<sub>2</sub>'s may be the same or different, respectively, with the proviso that at least one of Y<sub>2</sub>'s has a polymerizable the substituent group



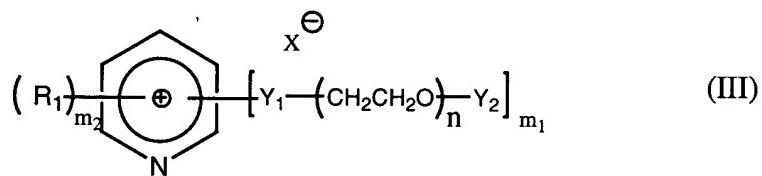
wherein R<sub>2</sub> is hydrogen or alkyl, and

Y<sub>3</sub> is oxygen; and

a plurality of the compounds of the general formula (II) may be connected to each other at R<sub>1</sub> or Y<sub>2</sub> to form a dimer, trimer or tetramer.

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3. (withdrawn): The polymerizable molten salt monomer according to Claim 1, wherein the general formula (I) is represented by the following general formula (III):



wherein  $Y_1$  represents a divalent interlocking group or a bonding hand;  $Y_2$  represents a substituted or unsubstituted alkyl group;  $R_1$  represents a substituent;  $n$  represents an integer of from 2 to 20;  $m_1$  represents an integer of from 2 to 6;  $m_2$  represents an integer of from 0 to  $(6 - m_1)$ ;  $X^-$  represents an anion; plural  $Y_1$ 's and plural  $Y_2$ 's may be the same or different, respectively, with the proviso that at least one of  $Y_2$ 's has a polymerizable substituent group; and a plurality of the compounds of the general formula (III) may be connected to each other at  $R_1$  or  $Y_2$  to form a dimer, trimer or tetramer.

4-6. (canceled).

7. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein  $X^-$  in the general formulae ~~formula (I) to (III)~~ is a halogen anion, an amide anion or a fluoride anion containing at least one element selected from the group consisting of boron (B), phosphorus (P) and sulfur (S).

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8. (currently amended): The polymerizable molten salt monomer according to Claim 1, wherein X<sup>-</sup> in the general ~~formulae~~~~formula~~ (I), and (III) is an iodine anion.

9. (withdrawn): An electrolyte composition containing a polymer compound obtained by polymerizing a polymerizable molten salt monomer according to Claim 1.

10. (withdrawn): The electrolyte composition according to Claim 9, further comprising iodine.

11. (withdrawn): The electrolyte composition according to Claim 9, further comprising a lithium salt.

12. (withdrawn): An electrochemical cell containing an electrolyte composition according to Claim 9.

13. (withdrawn): A photoelectrochemical cell comprising:  
a charge-transferring layer containing an electrolyte composition according to Claim 9;  
a photosensitive layer containing a semiconductor sensitized with a dye; and a counter electrode.

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14. (withdrawn): A nonaqueous secondary cell containing an electrolyte composition according to Claim 9.